

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2004/029148

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01B9/02 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01B A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/35203 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY) 13 August 1998 (1998-08-13)	1-6, 15, 18-33, 45, 80-93
Y	abstract; figure 1 page 19, line 20	7-14, 16, 17, 34-44, 46-79
Y	page 10, line 1 - line 3 WO 97/32182 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY) 4 September 1997 (1997-09-04) page 27, line 8 - line 24; figure 11a -/-	11, 12, 37, 38, 61, 62

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

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Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	WO 92/19930 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY; SWANSON, ERIC, A) 12 November 1992 (1992-11-12)  page 59, line 4 - page 62, line 18; figure 11	7-10,13, 14,16, 17, 34-36, 39-44, 46-70
A	WO 00/58766 A (SCIMED LIFE SYSTEMS, INC) 5 October 2000 (2000-10-05)  abstract; figure 1	11,12, 37,38, 61,62
A	US 6 501 551 B1 (TEARNEY GUILLERMO ET AL) 31 December 2002 (2002-12-31) abstract; figure 3	1,20,21
Y	US 4 601 036 A (FAXVOG ET AL) 15 July 1986 (1986-07-15) figure 5	71-79
A	US 4 868 834 A (FOX ET AL) 19 September 1989 (1989-09-19) abstract; figure 1	71-79
A	EP 0 251 062 A (FUJITSU LIMITED) 7 January 1988 (1988-01-07)  abstract; figure 7	15-17, 41-43, 65-67
A	US 2003/023153 A1 (IZATT JOSEPH A ET AL) 30 January 2003 (2003-01-30) the whole document	81-93
A	US 6 341 036 B1 (TEARNEY GUILLERMO J ET AL) 22 January 2002 (2002-01-22) paragraphs '0018!', '0020!	1,20,21

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